

Table 1. Preparation conditions for the compositions. Their composition and properties.

NN	Copolymer TFE-SVE						Solvents			Solution conditions		Composition properties	
	Abbreviation	Quantity, g	Equivalent Mass	Crystallinity degree, %	Relative density	Form	Polar	Non polar	Total mass, g	Temperature °C	Time, h.	Concentration of dissolved copolymer, % in mass	Viscosity (B2-4) a
1	SPL-2	4	2600	10	0.97	-HSO ₃	Isopropanol	-	196	80	4	2	8
2	SPL-1	12	1000	2	0.9	-NaSO ₃	Methylethylketone	-	88	20	2	12	40
3	SPL-4	8	1070	8	0.95	-KSO ₃	Ketone	-	92	22	3	8	38
4	SPL-4	9.3	1070	6	0.93	-KSO ₃	Ethanol	-	91	75	2	9.3	30
5	SPL-3	35	1100	9	0.92	-LiSO ₃	Dimethylformamide	-	65	80	2.5	35	450
6	SPL-5	10	1600	10	0.97	-HSO ₃	Dimethylformamide + Ethanol	-	90	95	2	10	51
7	SPL-1	15	1000	4	0.94	-NaSO ₃	Ethanol + methylethylketone 1:1	-	85	80	1.5	15	63
8	SPL-2	1	2600	10	0.97	-HSO ₃	Ethanol 1	1,1,1 Trichloro-bromethane	99	80	3	1	5
9	SPL-6	7	1200	7	0.96	-HSO ₃	Isopropanol 10	Benzene 1	93	75	3	7	23
10	SPL-7	6	1700	7.5	0.963	-LiSO ₃	Isopropanol 2	Benzene 1	87	90	2	6	15
11	SPL-6 (Control)	2	1200	12	0.97	-HSO ₃	Isopropanol	-	198	75	3	0	-
12	SPL-6 (Control)	2	1200	10.5	0.993	-HSO ₃	Isopropanol	-	198	75	3	0	-